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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were incubated in the YEA medium for 24 h at 28 °C. The cell concentration of the *Agrobacterium* strains was adjusted to 10⁸ cells/ml. The cell suspension was then mixed with the plant tissue and incubated for 24 h at 28 °C. The plant tissue was then cultured on the selective medium. The transformation efficiency was calculated as the number of transformants per 100 mg of plant tissue. The data were expressed as the mean ± SD of three independent experiments.

C88L-IV Graphics

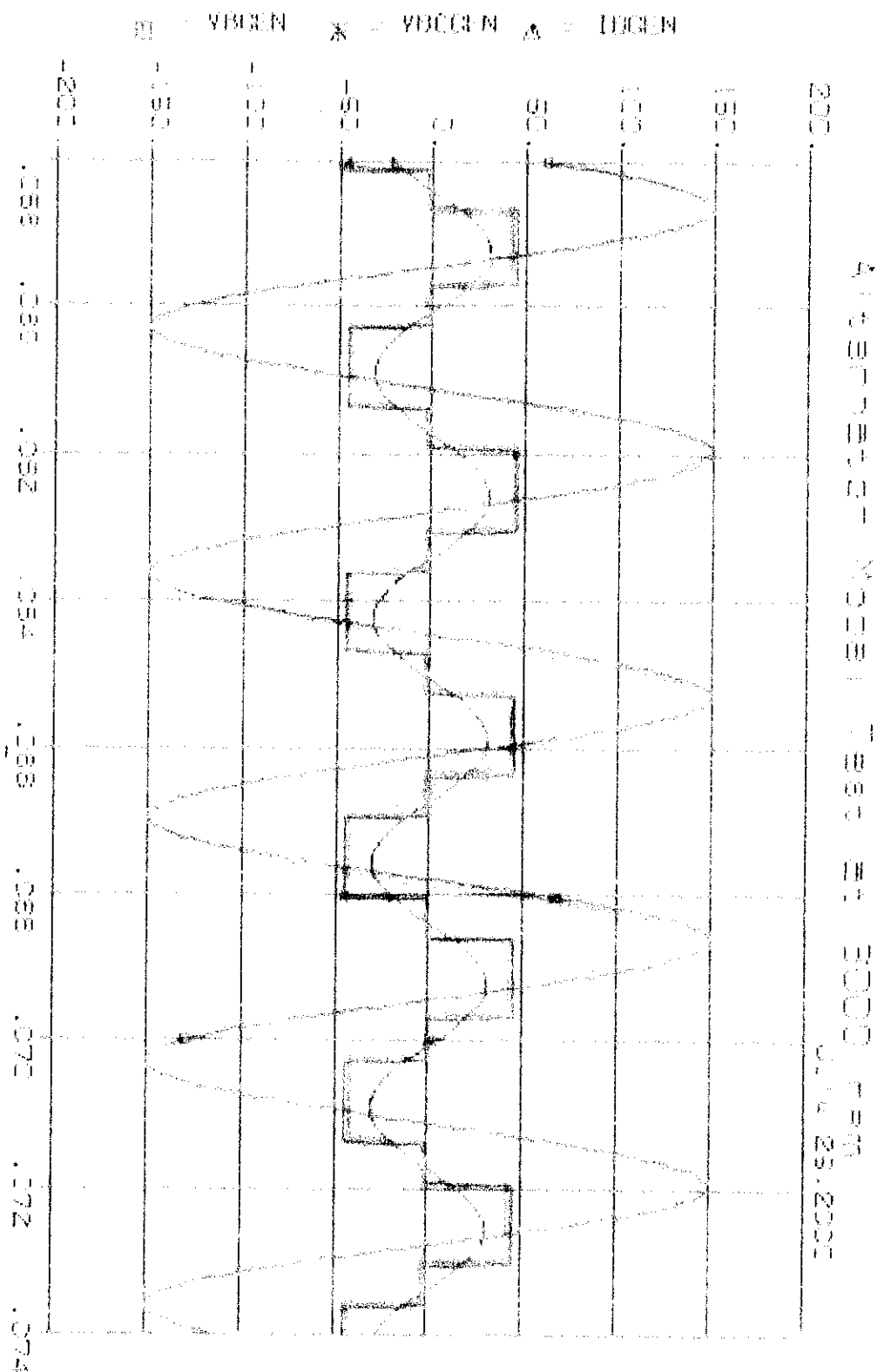
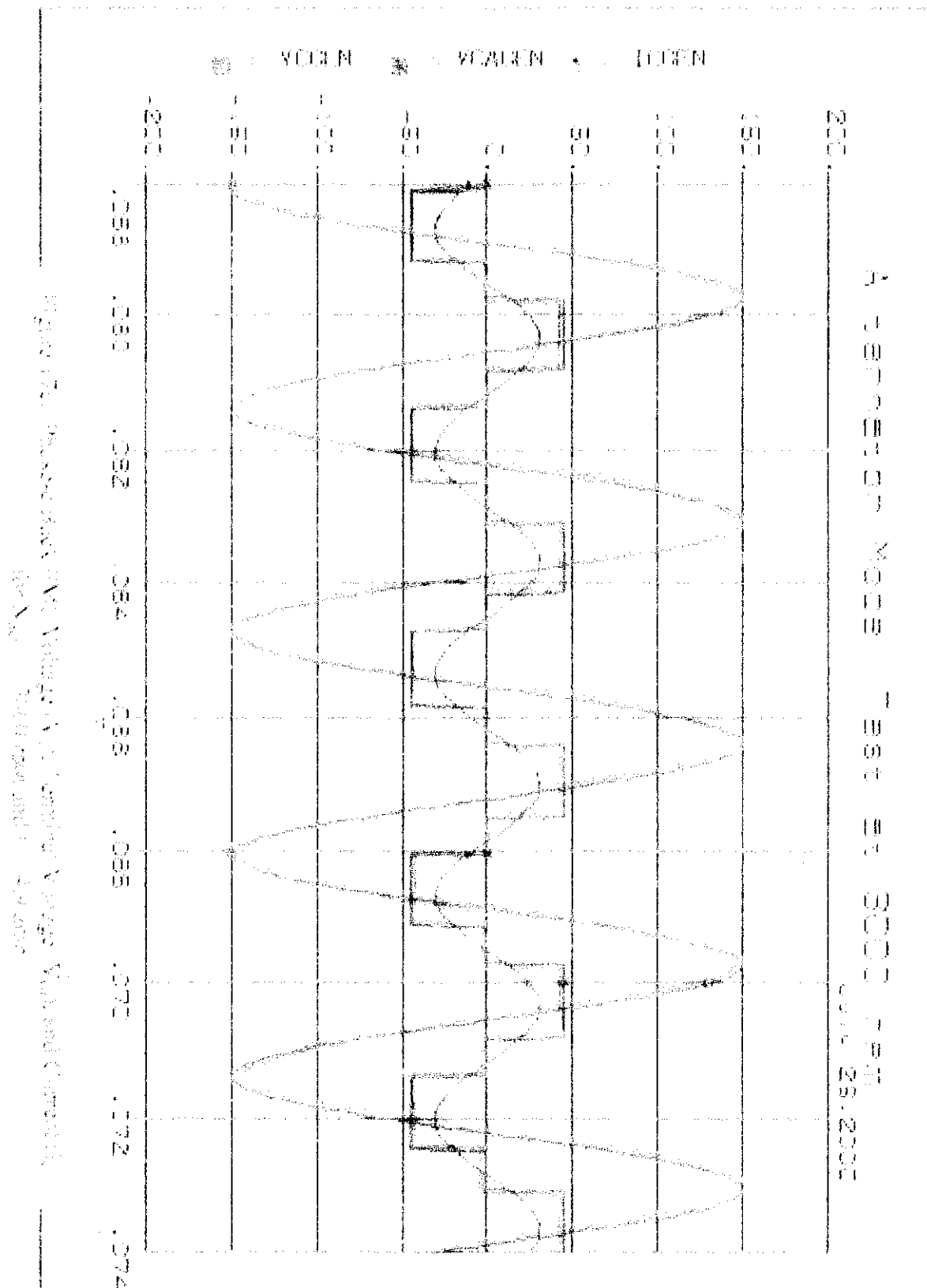


Figure 17a: Phase-Shifted Air Velocity V_{air} (m/s) and Torque V_{air} (N·m) versus Time (s) for V_{air} = 45000

CS81-TV Graphics



OSL-IV Graphics

ALBERTON MODE TEST at 3000 RPM

July 23, 2005

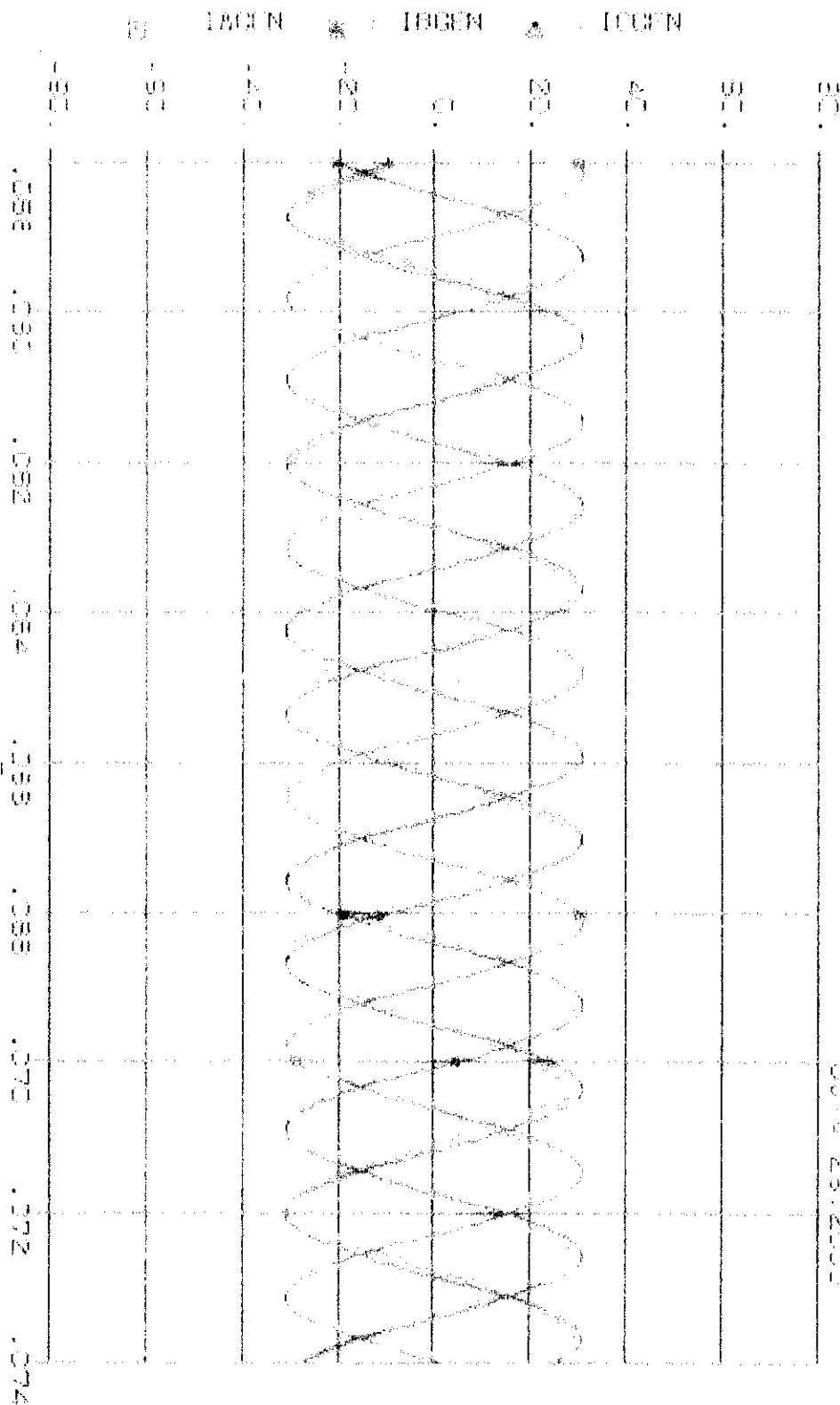
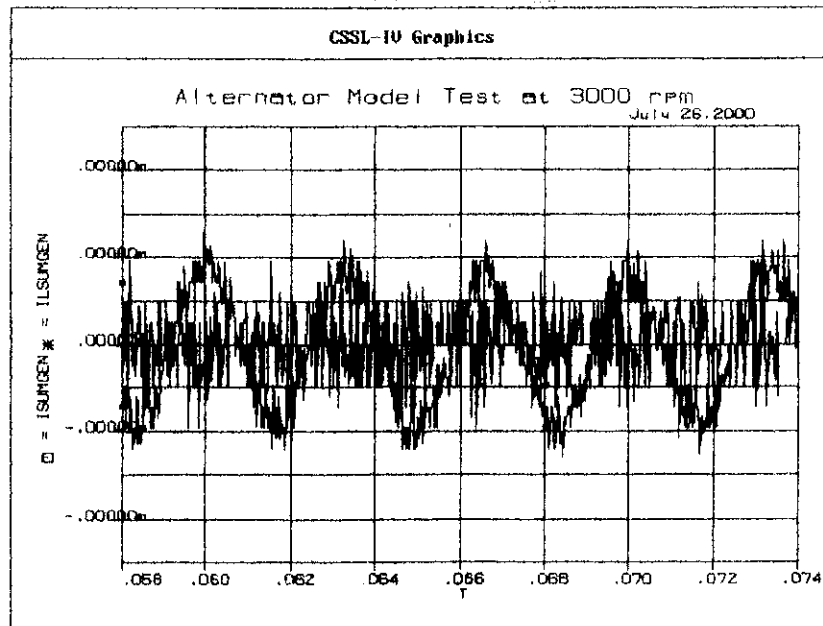


Figure 12: OSL-IV Mode Test at 3000 RPM
July 23, 2005

The Validation of The Kirchoff's Current Law (KCL)



The Validation of The Kirchoff's Voltage Law (KVL)

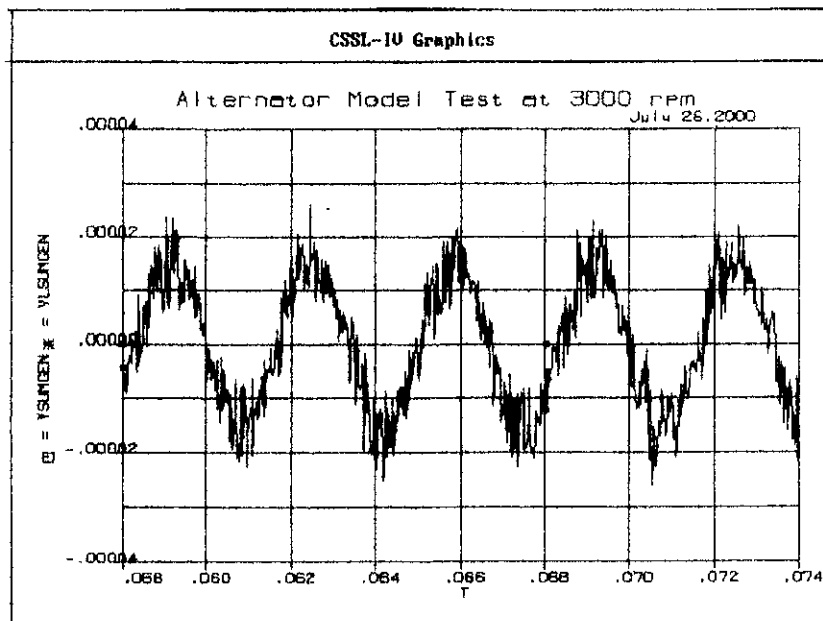


Figure 17f. The Validation of the Kirchoff's KCL and KVL Laws
for $N_{gen} = 3000$ rpm and $I_f = 4.9$ am

CSSL-IV Graphics

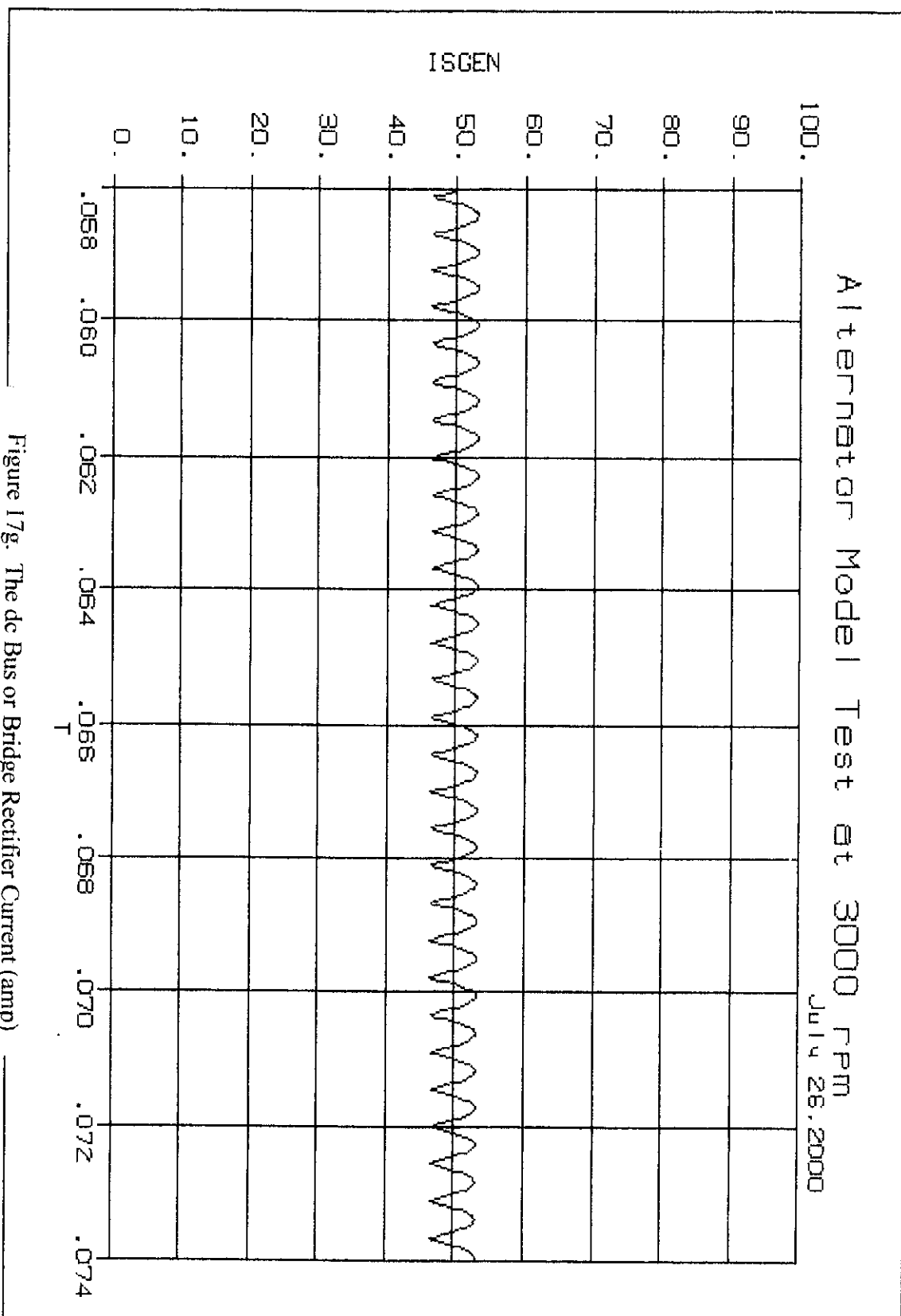


Figure 17g. The dc Bus or Bridge Rectifier Current (amp)
for 3000 rpm and $I_f = 4.9$ amp

CSSL-IV Graphics

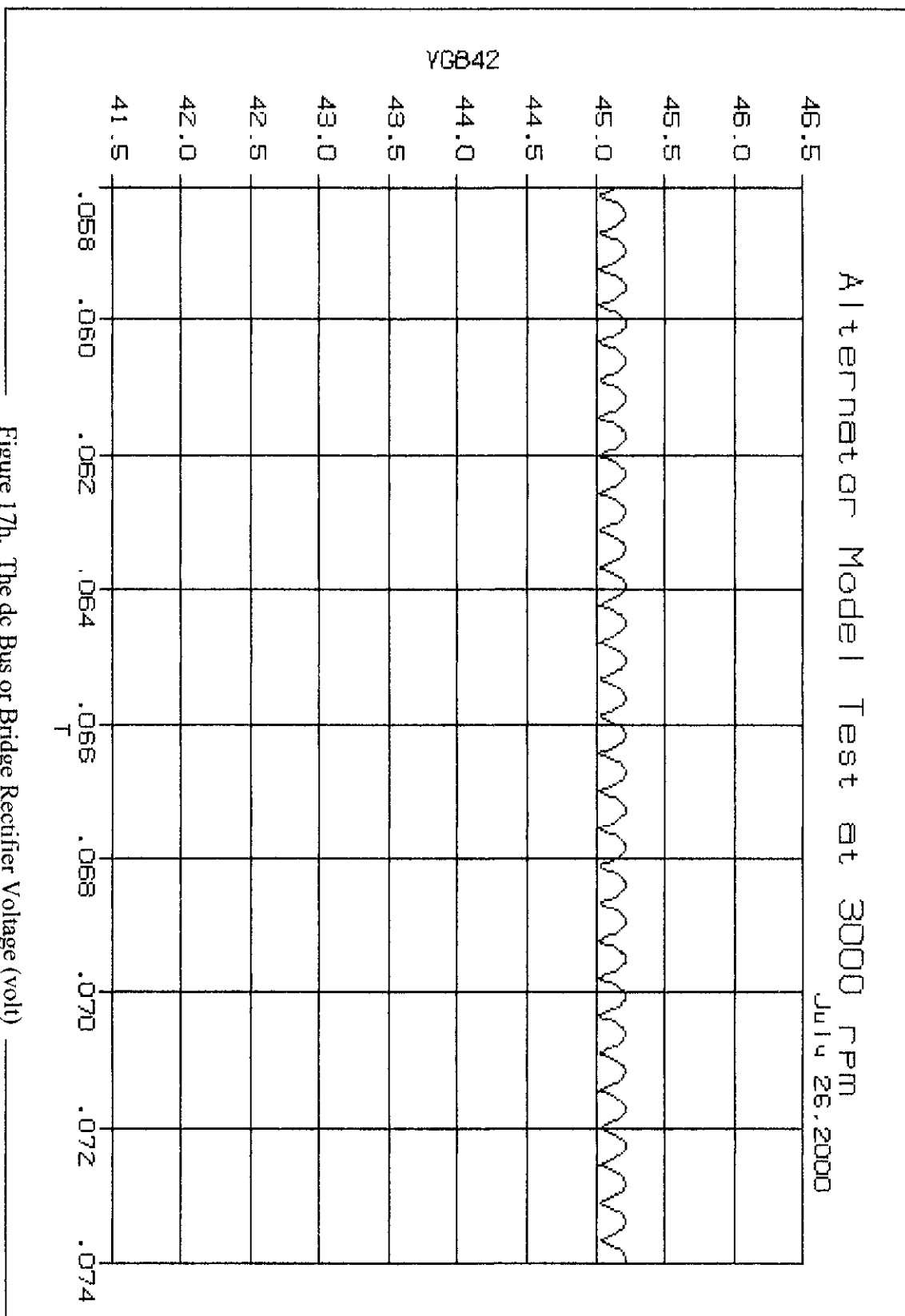


Figure 17h. The de Bus or Bridge Rectifier Voltage (volt)
for 3000 rpm and $I_f = 4.9$ amp

CSSL-IV Graphics

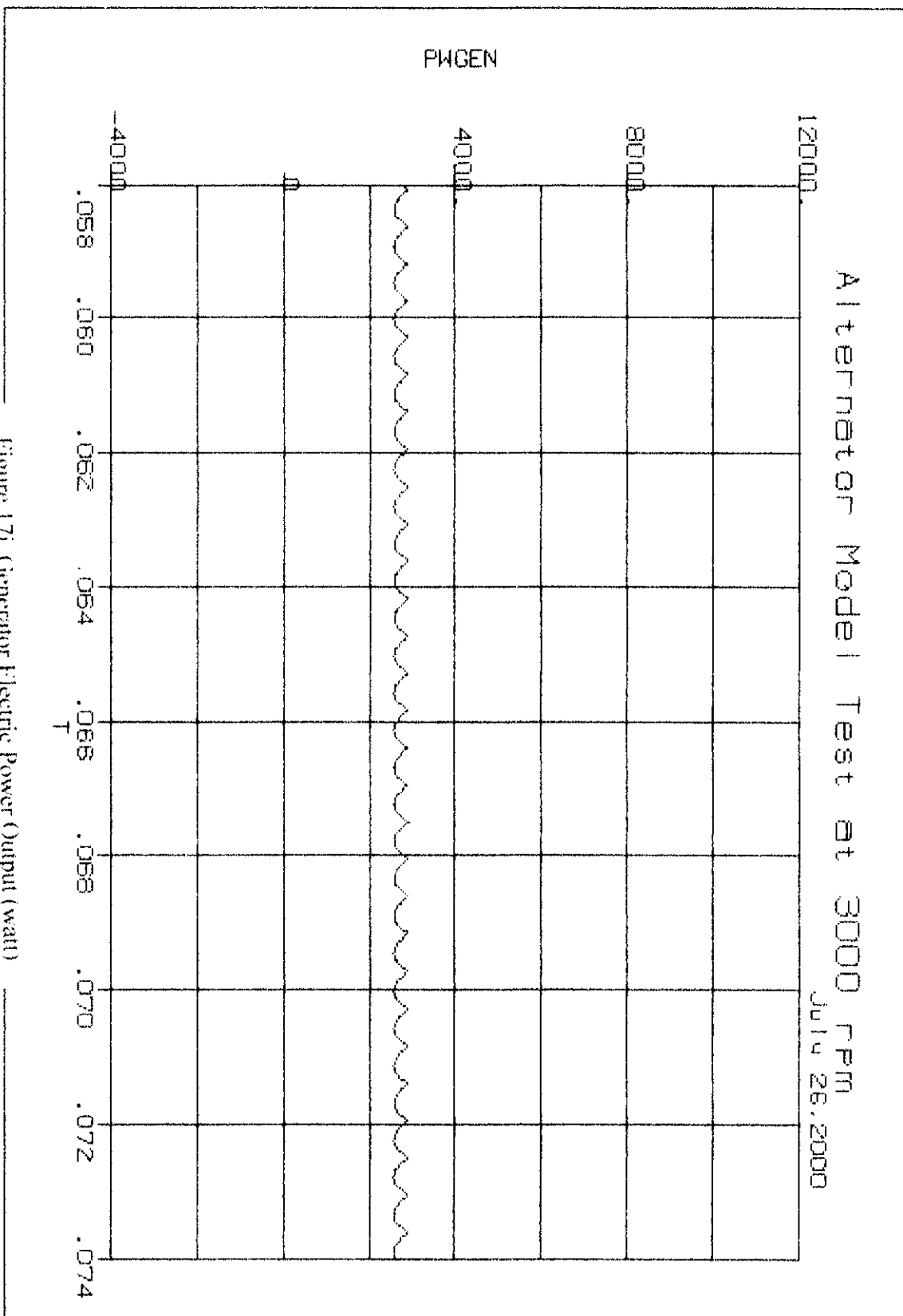


Figure 17i. Generator Electric Power Output (watt)
for 3000 rpm and $I_f = 4.9$ amp

CSSL-IV Graphics

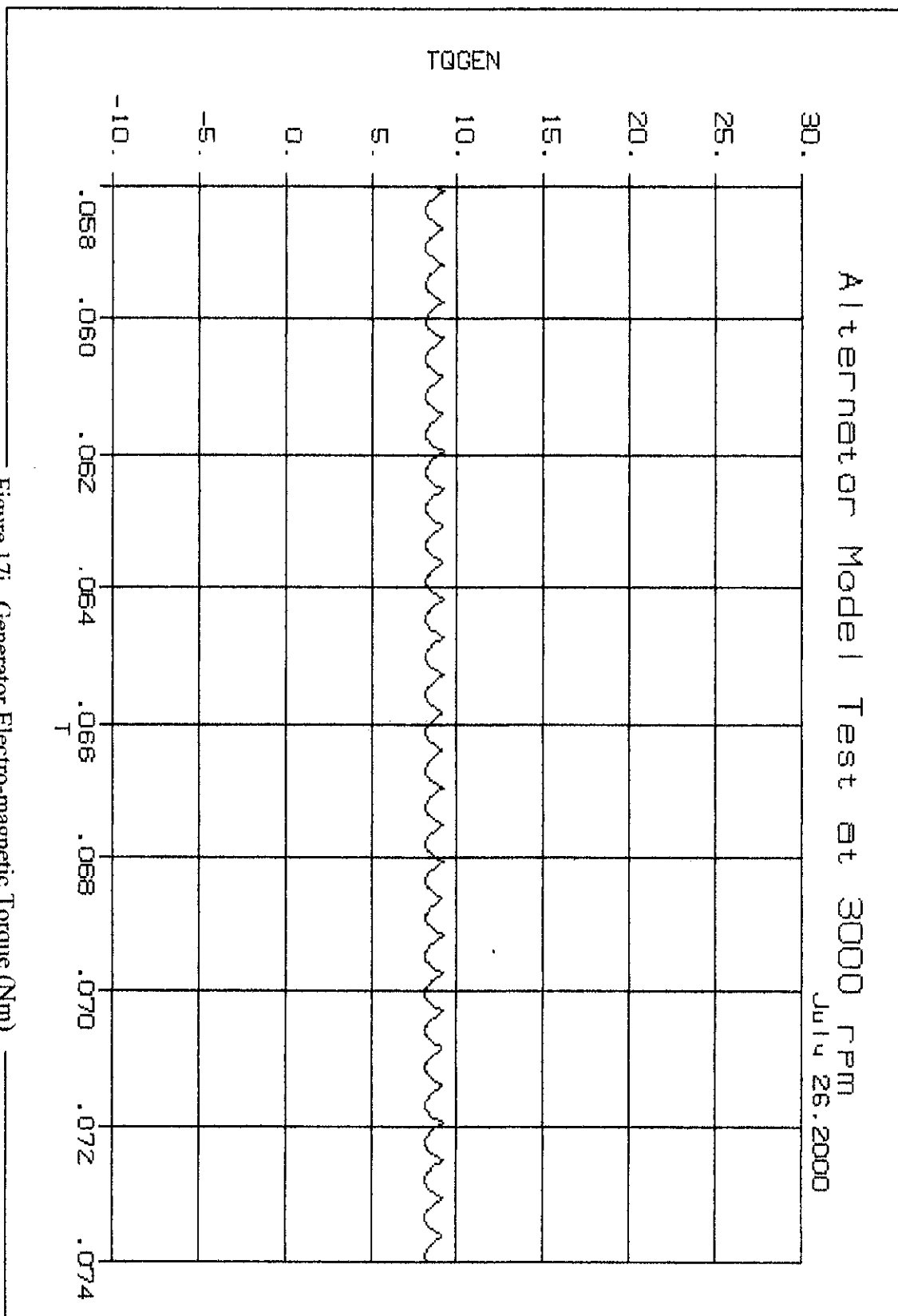


Figure 17j. Generator Electro-magnetic Torque (Nm)
For 3000 rpm and $I_f = 4.9$ amp

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OSBL-IV Graphics

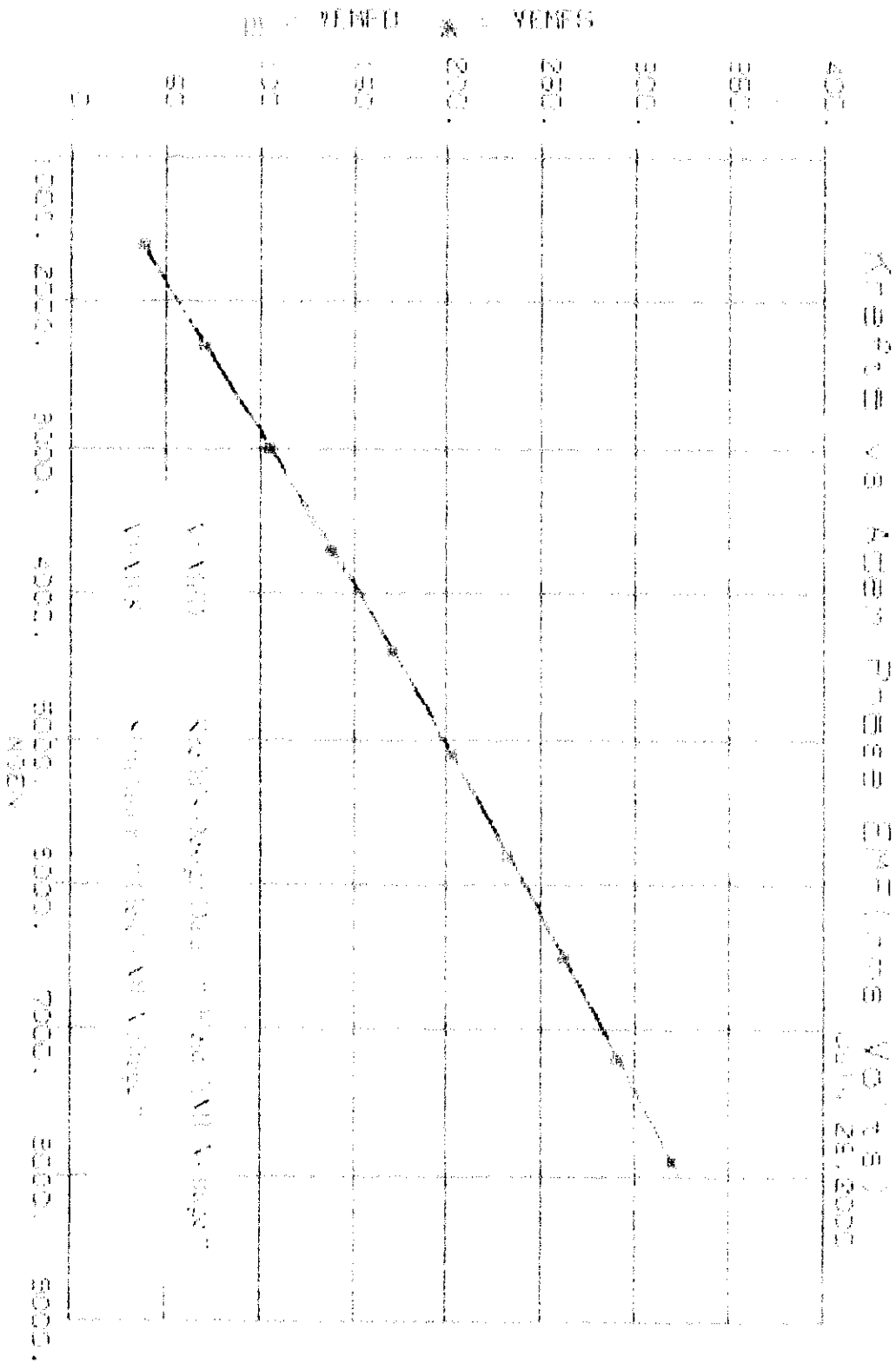


Figure 19: Comparison of the North Design Data and Simulation Results for the North Air Wing

CS30-10 Graphics

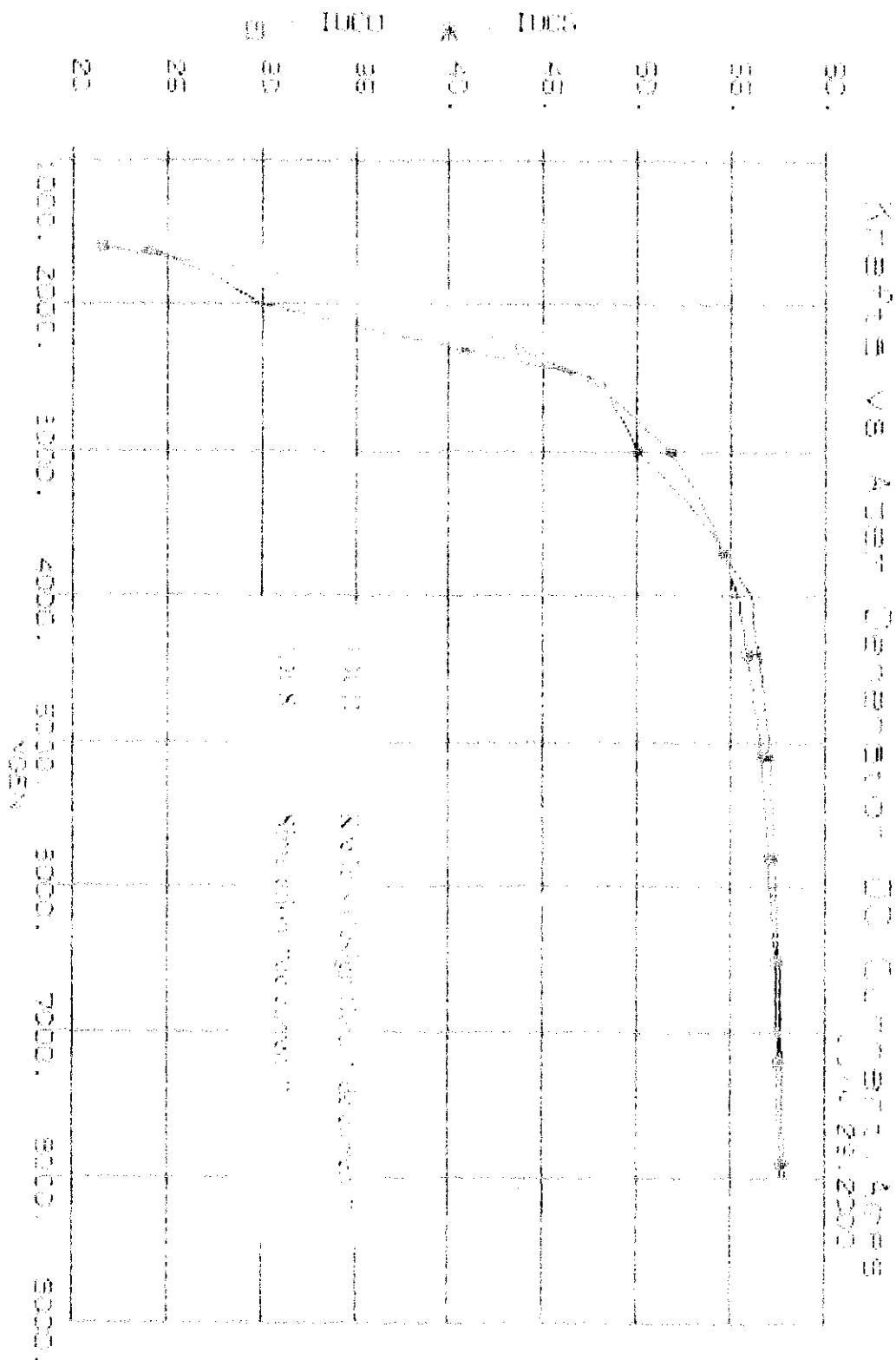


Figure 10: A comparison of the XTENSION DO and Simulation Results for the XTENSION DO.